



JAMES A. NOYES, Director

COUNTY OF LOS ANGELES

DEPARTMENT OF PUBLIC WORKS

900 SOUTH FREMONT AVENUE
ALHAMBRA, CALIFORNIA 91803-1331
Telephone: (626) 458-5100
www.ladpw.org

ADDRESS ALL CORRESPONDENCE TO:
P.O. BOX 1460
ALHAMBRA, CALIFORNIA 91802-1460

IN REPLY PLEASE

REFER TO FILE: **C-1**

February 4, 2003

The Honorable Board of Supervisors
County of Los Angeles
383 Kenneth Hahn Hall of Administration
500 West Temple Street
Los Angeles, CA 90012

Dear Supervisors:

CHANGES IN WORK FOR PUBLIC WORKS CONTRACTS ALL SUPERVISORIAL DISTRICTS 3 VOTES

IT IS RECOMMENDED THAT YOUR BOARD:

Find that the requested changes in work have no significant effect on the environment and approve the changes for the following construction contracts:

Project ID No. FCC0000250 - Oakglade Basin and Ruby Debris Basin Enlargement, City of Monrovia (5), Terra-Cal Construction, Inc., in amount of \$133,844.43.

Project ID No. OSD0000001 - Countywide LED Traffic Signal Conversion, various locations throughout the County (All), L. A. Signal, Inc., in amount of \$51,214.80.

Project ID No. OSD0000003 - Los Angeles County Traffic Signal Battery Back-up System Retrofit Project, various intersections throughout Los Angeles County (All), C. T. & F., Inc., in amount of \$33,000.

Project ID No. RDC0013365 – Santa Fe Avenue, vicinity of Walnut Park (1), Security Paving Company, in amount of \$60,000.

Project ID No. RDC0014104 - Barranca Avenue at Armstead Street, vicinities of Azusa and Glendora (1 and 5), L. A. Signal, Inc., in amount of \$45,000.

Project ID No. RMD1567091 - San Pasqual Street, et al., vicinities of Pasadena and San Marino (5), Security Paving Company, Inc., in amount of \$52,032.95.

Project ID No. WRD0000012 - Rio Hondo Coastal Basin Spreading Grounds Proposition A Bike Path, City of Pico Rivera (1), Ecology Construction, Inc., in amount of \$18,432.00.

PURPOSE/JUSTIFICATION OF RECOMMENDED ACTION

This action is to obtain Board approval for changes in public works contracts in support of the timely completion of the projects while avoiding delays and the potential for claims. The descriptions of the changes, estimated costs, and necessary time extensions are listed in the enclosure for each contract.

The Director of Public Works has been authorized by your Board to order changes in work up to \$10,000 for construction contracts. Enclosed for your authorization are changes in work in excess of my delegated limits which are required to complete Project ID Nos. FCC0000250, OSD0000001, OSD0000003, RDC0013365, RDC0014104, RMD1567091, and WRD0000012.

Implementation of Strategic Plan Goals

Approval of these changes in work, which are necessary to satisfactorily complete the projects, is consistent with the County Strategic Plan Goal of Service Excellence since the improved infrastructure will better serve the public.

FISCAL IMPACT/FINANCING

The estimated change order amounts for these contracts range from \$18,432.00 to \$133,844.43.

If these changes in work are not approved, contract completion will be delayed and increased costs incurred.

Sufficient funds are available in the Board-approved appropriations for each of the respective projects to cover the costs of the requested changes. Detailed cost breakdowns for each of the changes, together with contract cost summaries, are included in the enclosures.

FACTS AND PROVISIONS/LEGAL REQUIREMENTS

Each of the subject contracts for the construction of public works improvements was awarded by your Board to the lowest responsible bidder in accordance with the California Public Contract Code, your Board's directives, and as recommended by the Director of Public Works.

ENVIRONMENTAL DOCUMENTATION

The changes in work as described above and in the enclosures are within the limits of the Board-approved projects and do not change any conditions which resulted in the original environmental findings.

CONTRACTING PROCESS

Each contract provides that the contractor be compensated for changes in the work as a result of changes to the original plans and specifications or changed conditions encountered during the course of construction. The costs of each of the changes are based on contract unit prices, time and materials methods, or negotiated under the provisions of the contract specifications. The methods for arriving at the costs of the changes are included in the enclosures.

IMPACT ON CURRENT SERVICES (OR PROJECTS)

Approval of the requested changes by your Board will ensure the timely completion of work under each of the respective contracts and result in complete and usable facilities.

The Honorable Board of Supervisors
February 4, 2003
Page 4

CONCLUSION

Please return one approved copy of this letter to the Department of Public Works.

Respectfully submitted,

JAMES A. NOYES
Director of Public Works

TS:pb
O:\Section\Administration\Board\Ciw\02-04-03LTR.dot

Enc. 7

cc: Chief Administrative Office
County Counsel
Office of Affirmative Action Compliance

CHANGE IN WORK (AUTHORIZE)
February 4, 2003

PROJECT ID NO. FCC0000250, OAKGLADE DEBRIS BASIN AND RUBY DEBRIS BASIN ENLARGEMENT (City of Monrovia), Supervisorial District 5,
Contractor: Terra-Cal Construction, Inc.

Project Description:

Construction of reinforced concrete retaining walls and slabs, grading and paving of an access road, installation of a chainlink fence, and planting of shrubs.

Changes in Work:

(1) Variations in Bid Quantities	\$ 8,958.50
(2) Steel Plates Rental	800.00
(3) Erosion Protection at Oakglade and Ruby Debris Basins	13,000.00
(4) Weekend Work	1,500.00
(5) Provide Stepped Footings	4,000.00
(6) Remove AC Pavement and Install Redwood Headers	5,000.00
(7) Slope Hydroseeding and Mirafi Mat	35,720.00
(8) Renegotiated Price for Retaining Wall and Spillway	63,410.93
(9) Chainlink Fence and Coring	<u>1,455.00</u>
Total	<u>\$133,844.43</u>

Description of Changes:

(1) The original contract amount is based upon estimated quantities of the various bid items. The contractor is paid based upon actual quantities used. The increase in contract price reflects the net adjustment due to variations between estimated bid quantities and actual quantities.

(2) In order to comply with a Department of Fish and Game permit, it will be necessary to place temporary steel plates to allow vehicles to cross the stream bed at Oakglade Debris Basin. This work was not shown on the plans.

(3) To prevent future erosion, it will be necessary to place shotcrete on the hillside at the ends of the new parapet walls at both Ruby and Oakglade Debris Basins.

(4) In order not to delay the contractor's schedule in placing concrete, it was necessary to work during a weekend to install an additional 6" diameter nonperforated PVC pipe for the subdrain. The additional pipe is not shown on the plans; therefore, it will be necessary to compensate the contractor for the overtime costs for the weekend work.

(5) Stepped footings must be provided for a retaining wall which is being constructed on a slope. This work is not shown on the plans.

(6) In order to place the new AC pavement required by the plans, it will be necessary to remove the existing AC pavement. Also, in order to prevent damage to the new AC pavement, it will be necessary to install redwood headers along the edges of the pavement.

(7) In order to comply with a Department of Fish and Game permit, it will be necessary to hydroseed the slopes on the downstream sides of both debris basins. This work is not shown on the plans.

(8) The quantity of concrete for the spillway walls and invert slabs was more than 25 percent over the engineer's estimate. The amount shown reflects the agreed upon negotiated lower unit costs for the extra work.

(9) In order to connect the existing 6' high chainlink fence with a new double drive gate, it will be necessary to install 12' of 6' high chainlink fence. In addition, it will be necessary to core the newly built retaining wall to install an additional 80' of 4' chainlink fence required for safety purposes. This work is not shown on the plans.

The costs for Item 1 will be based on contract unit prices. The costs for Items 2 through 6 and a portion of the cost for Item 7 will be based on time and materials methods as provided in Subsection 3-3 of the contract specifications. The costs for Items 8 and 9 and the balance of the costs for Item 7 were negotiated as provided in Subsection 3-2 of the contract specifications.

Twenty-seven additional working days will be required because of these changes.

Revised Contract Amount:

Original contract amount	\$635,472.00
Changes in work previously approved by your Board	48,084.50
Changes in work to be authorized	<u>133,844.43</u>
Revised contract amount	<u>\$817,400.93</u>

JE:rb

O:\Projects\Flood\OakgladeDebrisBasin (FCC0000250)\Changes\ciw3.wpd

CHANGE IN WORK (AUTHORIZE)
February 4, 2003

PROJECT ID NO. OSD0000001, COUNTYWIDE LED TRAFFIC SIGNAL
CONVERSION (various locations throughout the County), All Supervisorial Districts,
Contractor: L. A. Signal, Inc.

Project Description:

Conversion of incandescent vehicle head indicators to light emitting diode (LED) indicators at various intersections throughout the County.

Changes in Work:

(1) Additional LED Indicators	\$ 6,214.80
(2) Traffic Signal Shutdown	<u>45,000.00</u>
Total	<u>\$51,214.80</u>

Description of Changes:

(1) Due to numerous changes in traffic signal systems throughout the County after the advertisement of this project, the actual numbers of LED indicators required has increased. It is necessary to add these additional installations to the contract to meet the intent of the design.

(2) The contractor was forced to delay completion of 156 intersections because County furnished LED indicators could not be acquired due to high demand and limited production capacity. Therefore, it will be necessary to compensate the contractor for a second shutdown of the traffic signal systems impacted in order to complete the installation of LED indicators. The cost shown includes detouring and traffic control.

The cost for Item 1 will be based on contract unit prices. The cost for Item 2 will be based on time and materials methods as provided in Subsection 3-3 of the contract specifications.

Five additional working days will be required because of these changes.

Revised Contract Amount:

Original contract amount	\$175,724.60
Changes in work to be authorized	<u>51,214.80</u>
Revised contract amount	<u>\$226,939.40</u>

TKB:pb

O:\Projects\Traffic\CountywideLEDTrafcSgnlConv (N7100004)\Board\CIW1.wpd

CHANGE IN WORK (AUTHORIZE)
February 4, 2003

PROJECT ID NO. OSD0000003, LOS ANGELES COUNTY TRAFFIC SIGNAL
BATTERY BACK-UP SYSTEM RETROFIT PROJECT (in various intersections
throughout Los Angeles County), All Supervisorial Districts,
Contractor: C. T. & F., Inc., a corporation

Project Description:

Installation of traffic signal battery back-up systems and the replacement of incandescent lamps with light-emitting diode (LED) modules.

Changes in Work:

(1) Programmable Visibility LED Vehicle Heads	\$ 7,000.00
(2) LED Vehicle Indicator	<u>26,000.00</u>
Total	<u>\$33,000.00</u>

Description of Changes:

(1) It will be necessary to replace existing incandescent traffic signal heads to LED heads at three intersections within the project. These modifications are beyond the scope of the original contract and are required for the new battery back-up systems to operate properly once completed.

(2) In order for the battery back-up systems to operate properly once completed, it will be necessary to supply and install missing LED vehicle indicators at six intersections within the project.

The costs for 1 and 2 will be based on time and materials methods as provided in Subsection 3-3 of the contract specifications.

Ten additional working days will be required because of these changes.

Revised Contract Amount:

Original contract amount	\$408,672.62
Changes in work previously approved by the Board	33,000.00
Changes in work to be authorized	<u>33,000.00</u>
Revised contract amount	<u>\$474,672.62</u>

CHANGE IN WORK (AUTHORIZE)
February 4, 2003

PROJECT ID NO. RDC0013365, SANTA FE AVENUE (in the vicinity of Walnut Park), Supervisorial District 1, Contractor: Security Paving Company

Project Description:

Roadway resurfacing; reconstruction of curb, gutter, sidewalk, driveways, and an alley intersection; tree removal and planting; and modification of traffic signals.

Change in Work:

Construct Crosswalk	\$60,000.00
---------------------	-------------

Description of Change:

A crosswalk with special warning devices is needed at the intersection of Nadeau Street and Alix Avenue. By adding this work to the contract, it can be completed more timely and at lower cost than by separate contract. The cost will be based on time and materials methods as provided in Subsection 3-3 of the contract specifications.

Fifteen additional working days will be added to the original contract in order to accommodate this work.

Revised Contract Amount:

Original contract amount	\$468,724.40
Change in work to be authorized	<u>60,000.00</u>
Revised contract amount	<u>\$528,724.40</u>

BLS:en

O:\Projects\Road\SantaFeAve (RDC0013365)\Board\Ciw1.doc

CHANGE IN WORK (AUTHORIZE)
February 4, 2003

PROJECT ID NO. RDC0014104, BARRANCA AVENUE AT ARMSTEAD STREET
(in the vicinities of Azusa and Glendora), Supervisorial Districts 1 and 5,
Contractor: L. A. Signal, Inc.

Project Description:

Modification of Traffic Signals.

Change in Work:

Left Turn Signals and Signal Modifications at Amar Road and Valinda Avenue	\$45,000.00
---	-------------

Description of Change:

Left turn signals and signal upgrade modifications are needed at the intersection of Amar Road and Valinda Avenue. By adding this work to the contract, it can be completed more timely and at a lower cost than by separate contract. The cost was negotiated as provided in Subsection 3-3 of the contract specifications.

Fifteen additional working days will be required because of this change.

Revised Contract Amount:

Original contract amount	\$ 68,823.00
Change in work to be authorized	<u>45,000.00</u>
Revised contract amount	<u>\$113,823.00</u>

JR:ss/lm

O:\Projects\Traffic\BarrancaAve@ArmsteadSt (RDC0014104)\Board\Change1.wpd

CHANGE IN WORK (AUTHORIZE)
February 4, 2003

PROJECT ID NO. RMD1567091, SAN PASQUAL STREET, ET AL. (in the vicinities of Pasadena and San Marino), Supervisorial District 5,
Contractor: Security Paving Company, Inc.

Project Description:

Resurfacing of roadway pavement; reconstruction of curb, gutter, sidewalk, driveways, cross gutters, and bus pads; removal, root pruning, and planting of parkway trees; and modification of traffic signals.

Changes in Work:

(1) Variations in Bid Quantities	\$37,503.72
(2) Relocate Water Service Line	662.00
(3) Relocate Traffic Signal Conduit	<u>13,867.23</u>
Total	<u>\$52,032.95</u>

Description of Changes:

(1) The original contract amount is based upon estimated quantities of the various bid items. The contractor is paid based upon actual quantities used. The increase in contract price reflects the net adjustment due to variations between estimated bid quantities and actual quantities.

(2) Your Board previously approved a change in work to relocate an existing water service line in order to construct the proposed improvements. The cost for this work will exceed the original estimate by the amount shown.

(3) Your Board previously approved a change in work to relocate portions of existing traffic signal conduits and install additional pull boxes in order to construct the proposed improvements. The cost for this work will exceed the original estimate by the amount shown.

The costs for Items 1 will be based on contract unit prices. The costs for Items 2 and 3 will be based on time and materials methods as provided in Subsection 3-3 of the contract specifications.

No additional working days will be required because of these changes.

Revised Contract Amount:

Original contract amount	\$ 882,325.70
Changes in work previously approved by the Board	117,332.00
Changes in work to be authorized	<u>52,032.95</u>
Revised contract amount	<u>\$1,051,690.65</u>

EK:en

O:\Projects\Road\SanPasqualEtAl (RMD1567091)\Board\ciw4.wpd

CHANGE IN WORK (AUTHORIZE)
February 4, 2003

PROJECT ID NO. WRD0000012, RIO HONDO COASTAL BASIN SPREADING
GROUND PROPOSITION A BIKE PATH (City of Pico Rivera), Supervisorial District 1,
Contractor: Ecology Construction, Inc.

Project Description:

Construction of bike path, slurry sealing, and landscaping.

Changes in Work:

(1) Standby Equipment Cost	\$ 520.00
(2) Install Gate Operator Covers	2,823.00
(3) Additional Fencing	2,899.00
(4) Wire Mesh Fabric Substitution	4,812.00
(5) Install Loops Detector	<u>7,378.00</u>
Total	<u>\$18,432.00</u>

Description of Changes:

(1) The contractor was directed to cease work for four hours to allow time to modify a picnic structure foundation so that it would be compatible with field conditions. The contractor is entitled to be compensated for this time.

(2) In order to protect the controls for the automatic gates, it will be necessary for the contractor to install three gate operator covers. This work is not shown on the plans.

(3) In order to provide property security, additional fencing will be required.

(4) To ensure that portions of the newly installed fencing do not rust when exposed to water, the contractor was directed to substitute the specified galvanized wire mesh fabric with a vinyl coated mesh fabric. This work is not shown on the plans.

(5) In order to provide proper operation of the automatic gates located at the Rio Hondo Spreading Grounds, it will be necessary for the contractor to install seven loop detectors. This work is not shown on the plans.

The cost for Item 1 will be based on time and materials methods as provided in Subsection 3-3 of the contract specifications. The costs for Items 2 through 5 were negotiated as provided in Subsection 3-2 of the contract specifications.

Seven additional working days will be required because of these changes.

Revised Contract Amount:

Original contract amount	\$351,363.60
Changes in work previously approved by the Board	33,730.00
Changes in work to be authorized	<u>18,432.00</u>
Revised contract amount	<u>\$403,525.60</u>

LAT:pb

O:\Projects\Flood\RioHondoBasinSpreadingGrounds (WRD000012)\Board\changeinwork2.wpd